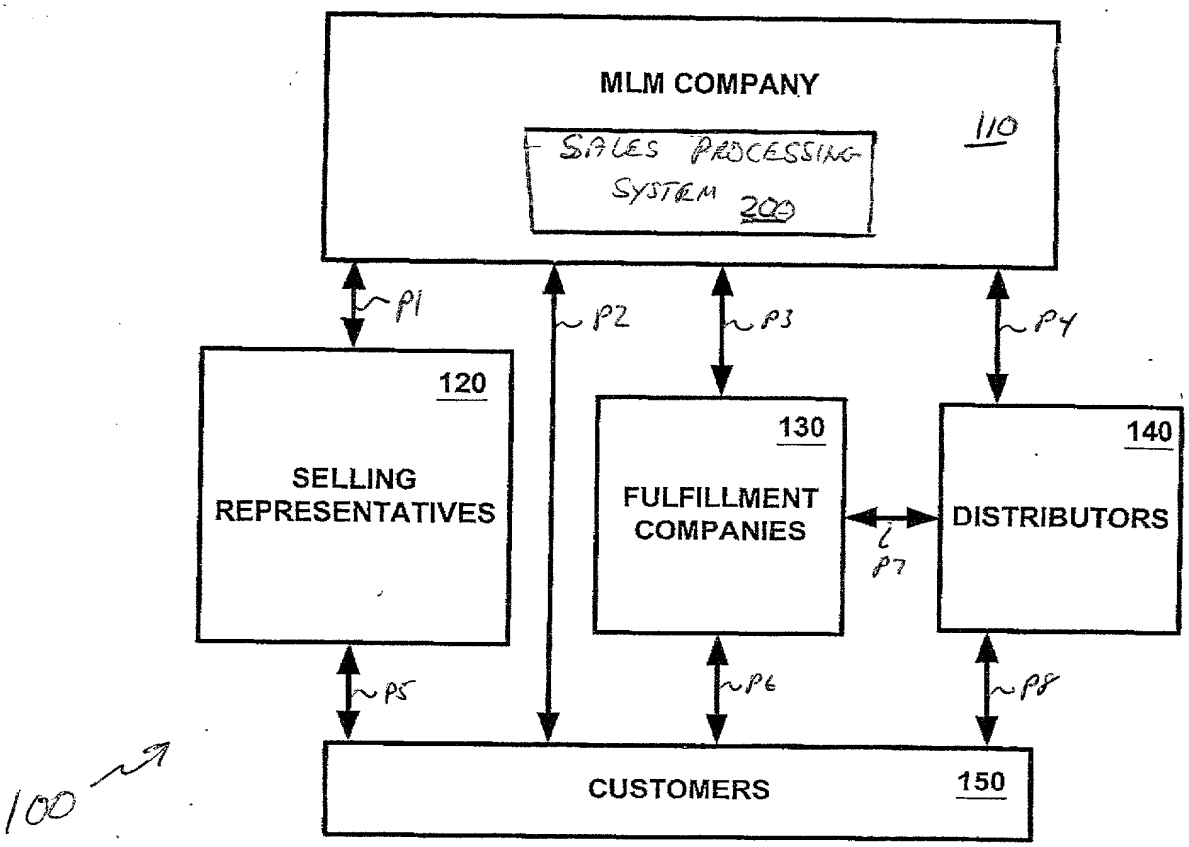

MLM COMPANY
110
SALES PROCESSING SYSTEM 200
P1
P2
P3
P4
120
SELLING REPRESENTATIVES
130
FULFILLMENT COMPANIES
140
DISTRIBUTORS
P7
P5
P6
P8
CUSTOMERS
150
100

FIG. 1

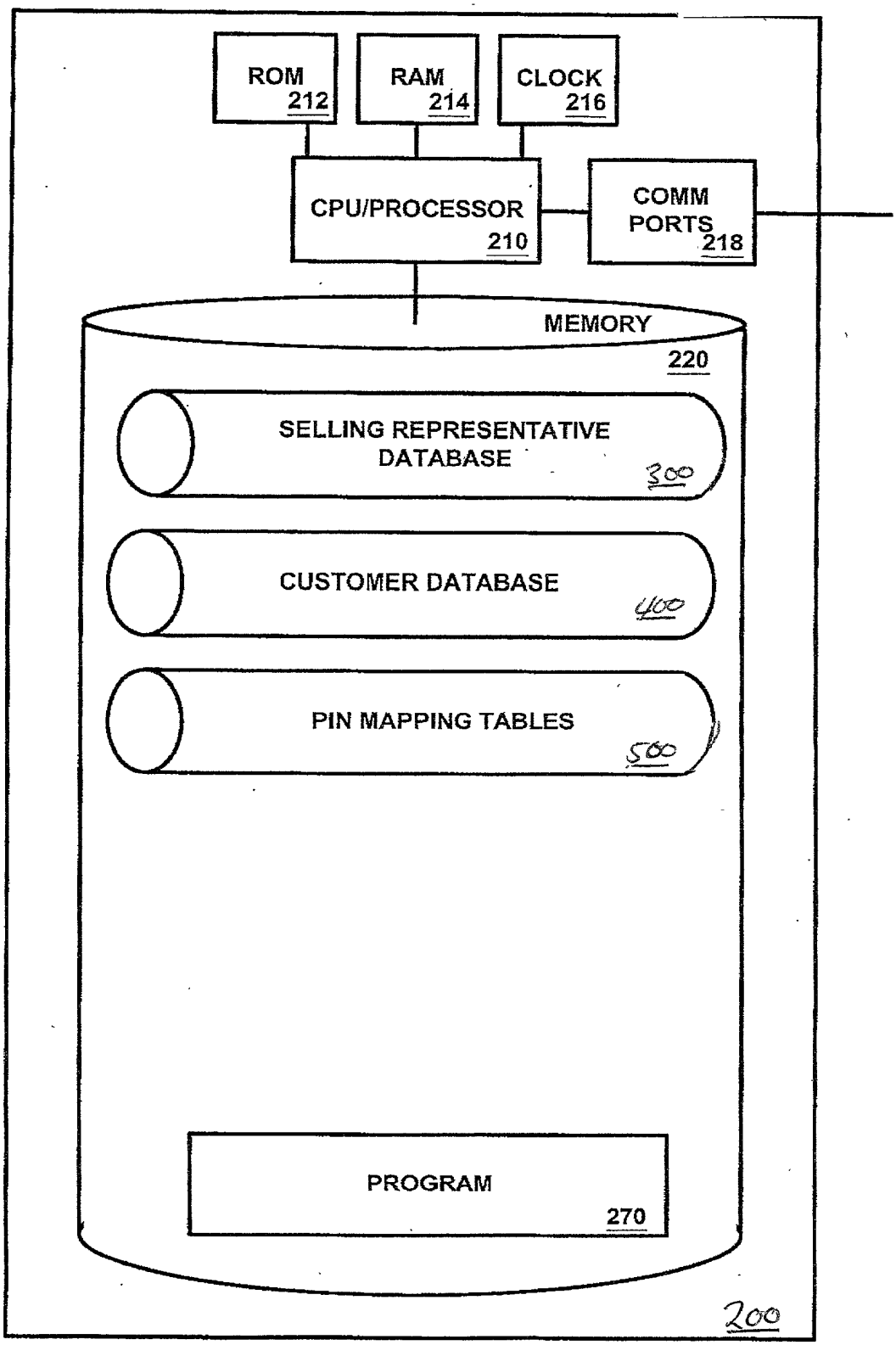

ROM
212
RAM
214
CLOCK
216
CPU/PROCESSOR
210
COMM
PORTS
218
MEMORY
220
SELLING REPRESENTATIVE
DATABASE
300
CUSTOMER DATABASE
400
PIN MAPPING TABLES
500
PROGRAM
270
200

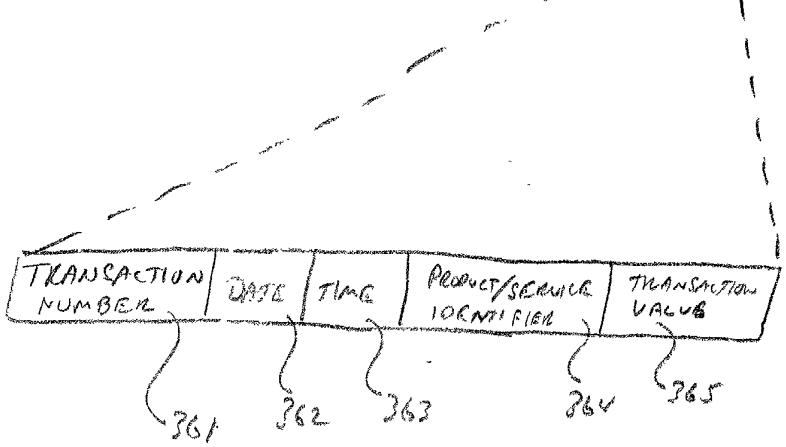
FIG. 2

SELLING REPRESENTATIVE DATABASE

300

	SELLING REPRESENTATIVE'S PIN 310	RECRUITER'S PIN 320	SELLING REPRESENTATIVES PASS-CODE 330	COMMISSION 340	PRIVILEGES 350	TRANSACTION HISTORY 360
R1	2592 214 1984	6592 914 1884	12345	5217.65	(a) ..... (b)	T1, T2, TN
R2	3492 274 8774	6638 255 1445	67890	3511.67	(a) ..... (b)	T1, T2, TM

FIG. 3

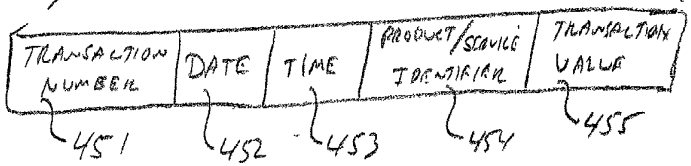


CUSTOMER DATABASE

400

CUSTOMER'S PIN 410	SELLING REPRESENTATIVE'S PIN 420	STORED VALUE 430	PRIVILEGES 440	TRANSACTION HISTORY 450
R1 → 1234 456 7890	2592 214 1984	125.75	(a) ..... (b)	T1, T2, ⋮ Tx
R2 → 1122 333 4455	3492 274 8774	536.53	(a) ..... (b)	T1, T2, ⋮ Ty

FIG. 4



SELLING REPRESENTATIVE PIN MAPPING TABLE

500A

	SELLING REPRESENTATIVE PIN REFERENCE NUMBER 510	SELLING REPRESENTATIVE'S PIN 520
R1	1122 333 4455	2592 214 1984
R2	9876 543 3210	3492 274 8774

FIG. 5A

TOTTTD" T/6902/6D

CUSTOMER PIN MAPPING TABLE

500B

CUSTOMER PIN REFERENCE NUMBER 530	CUSTOMER'S PIN 540
4321 255 1445	1345 214 1984
6789 914 1884	3492 456 8774

R1

R2

FIG. 5B

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
AMPAD

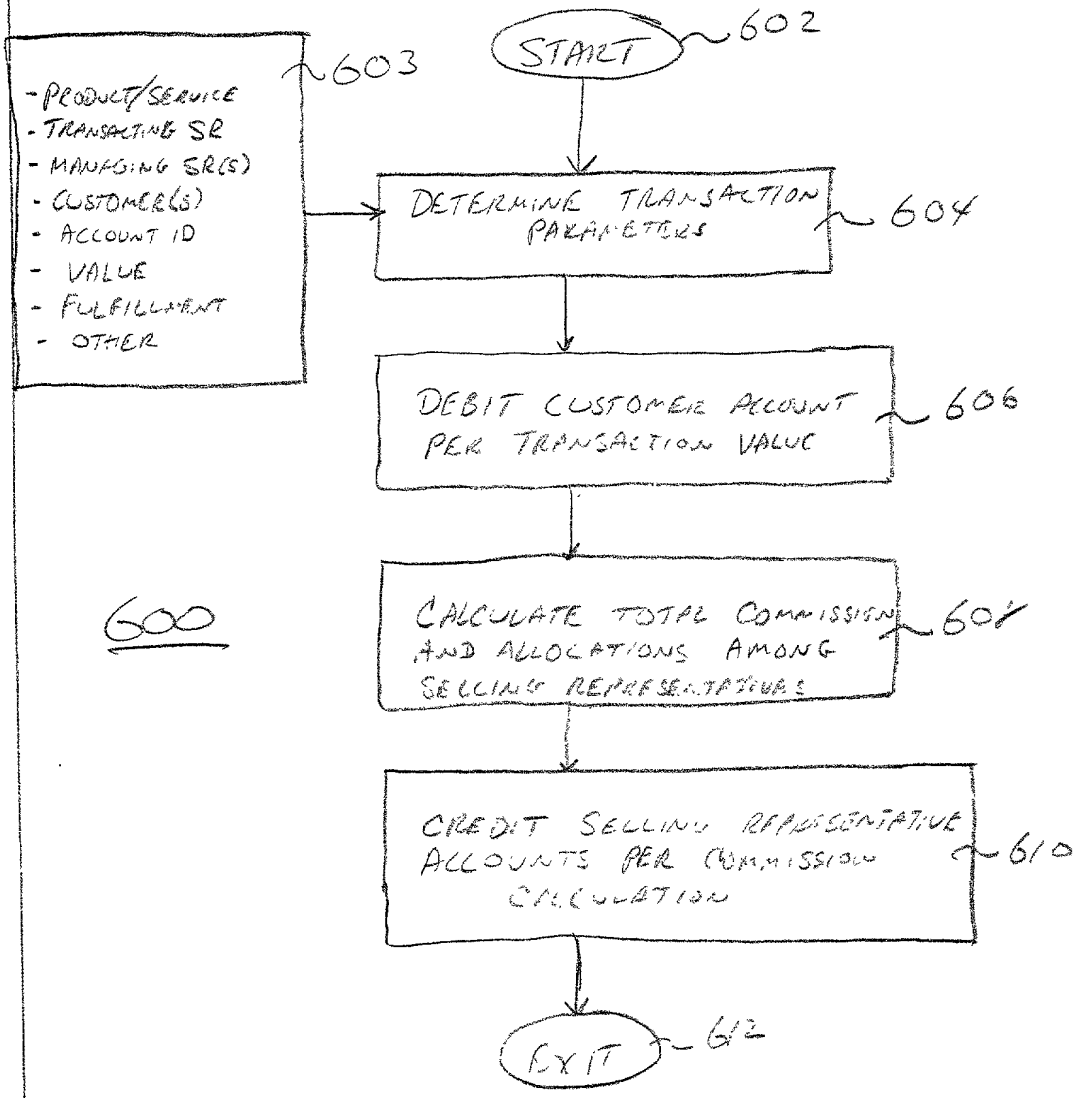


FIG. 6

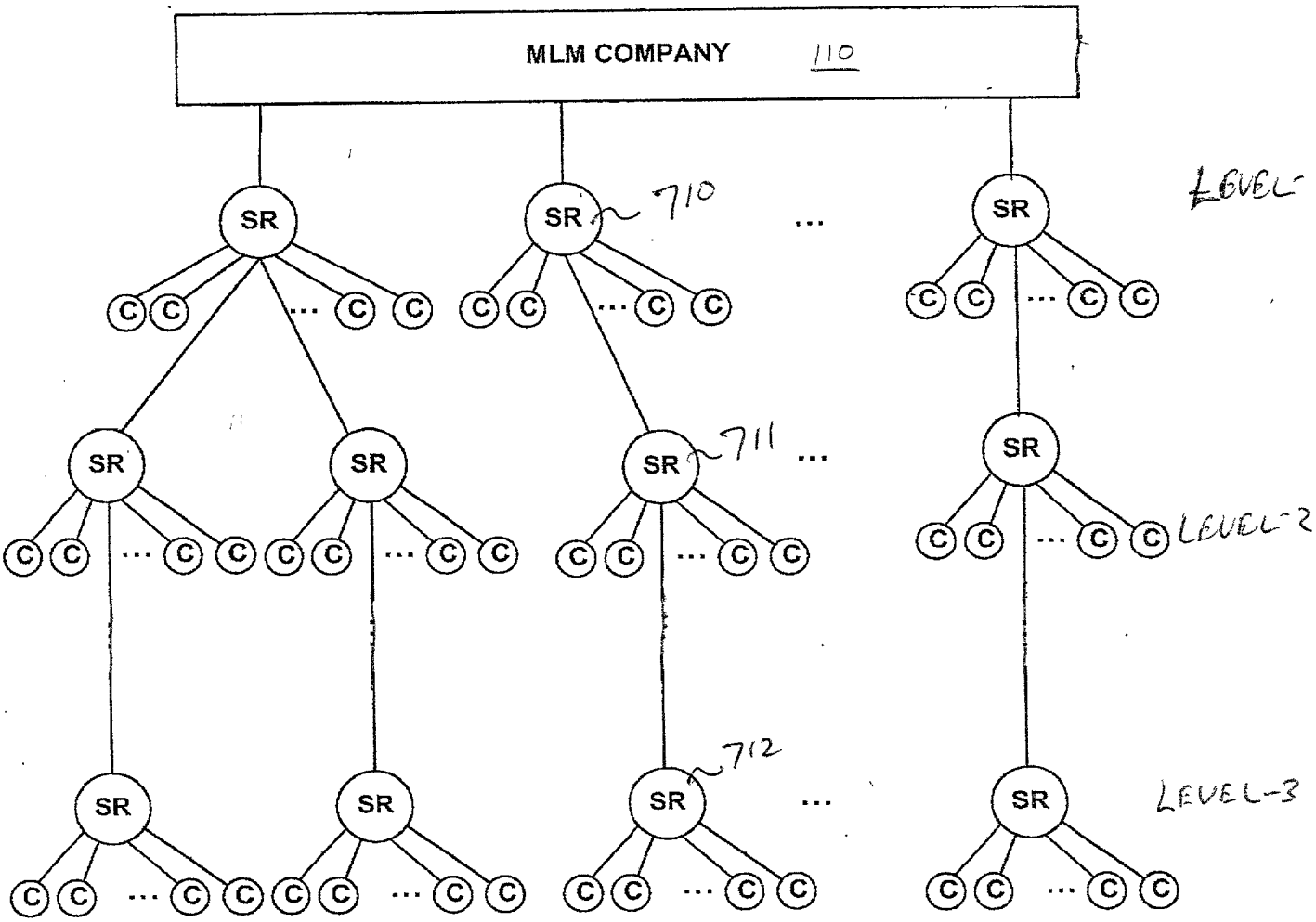

MLM COMPANY 110
SR
710
711
712
LEVEL-1
LEVEL-2
LEVEL-3
C
SR: Selling Representative
C: Customer

FIG. 7

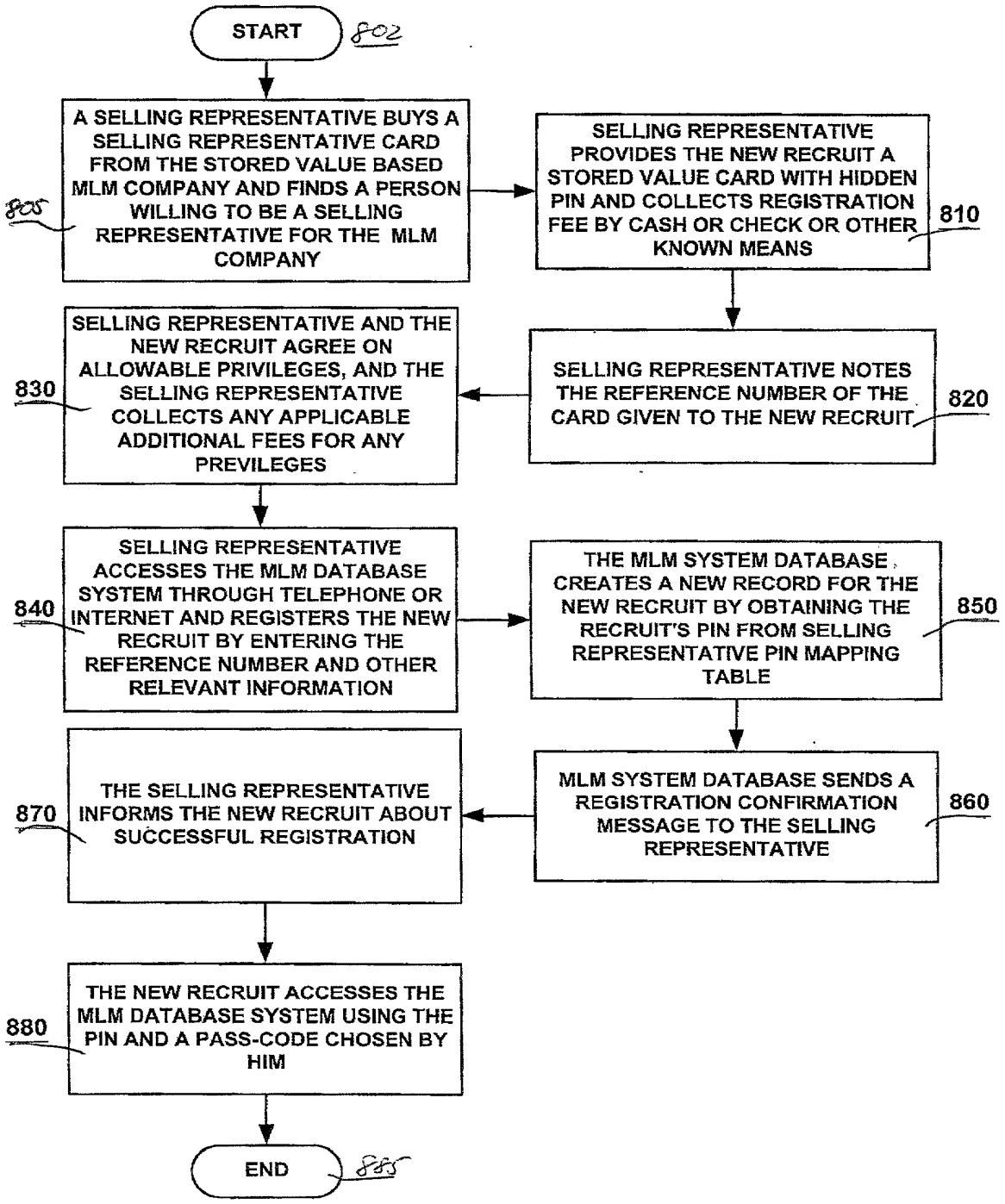

START
802
A SELLING REPRESENTATIVE BUYS A SELLING REPRESENTATIVE CARD FROM THE STORED VALUE BASED MLM COMPANY AND FINDS A PERSON WILLING TO BE A SELLING REPRESENTATIVE FOR THE MLM COMPANY
805
SELLING REPRESENTATIVE PROVIDES THE NEW RECRUIT A STORED VALUE CARD WITH HIDDEN PIN AND COLLECTS REGISTRATION FEE BY CASH OR CHECK OR OTHER KNOWN MEANS
810
SELLING REPRESENTATIVE NOTES THE REFERENCE NUMBER OF THE CARD GIVEN TO THE NEW RECRUIT
820
SELLING REPRESENTATIVE AND THE NEW RECRUIT AGREE ON ALLOWABLE PRIVILEGES, AND THE SELLING REPRESENTATIVE COLLECTS ANY APPLICABLE ADDITIONAL FEES FOR ANY PREVILEGES
830
SELLING REPRESENTATIVE ACCESSES THE MLM DATABASE SYSTEM THROUGH TELEPHONE OR INTERNET AND REGISTERS THE NEW RECRUIT BY ENTERING THE REFERENCE NUMBER AND OTHER RELEVANT INFORMATION
840
THE MLM SYSTEM DATABASE CREATES A NEW RECORD FOR THE NEW RECRUIT BY OBTAINING THE RECRUIT'S PIN FROM SELLING REPRESENTATIVE PIN MAPPING TABLE
850
MLM SYSTEM DATABASE SENDS A REGISTRATION CONFIRMATION MESSAGE TO THE SELLING REPRESENTATIVE
860
THE SELLING REPRESENTATIVE INFORMS THE NEW RECRUIT ABOUT SUCCESSFUL REGISTRATION
870
THE NEW RECRUIT ACCESSES THE MLM DATABASE SYSTEM USING THE PIN AND A PASS-CODE CHOSEN BY HIM
880
END
885

FIG. 8

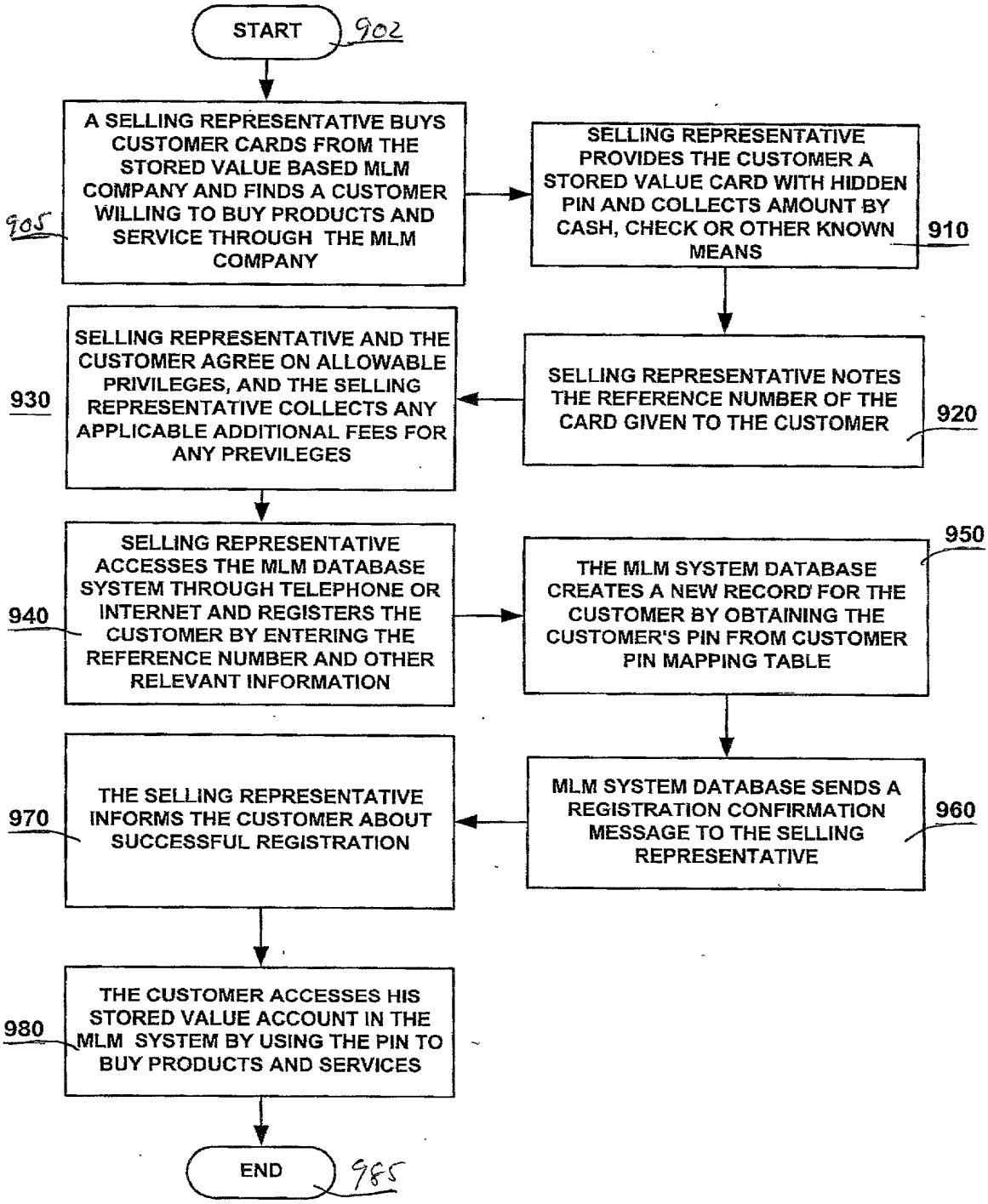

START
902
A SELLING REPRESENTATIVE BUYS CUSTOMER CARDS FROM THE STORED VALUE BASED MLM COMPANY AND FINDS A CUSTOMER WILLING TO BUY PRODUCTS AND SERVICE THROUGH THE MLM COMPANY
905
SELLING REPRESENTATIVE PROVIDES THE CUSTOMER A STORED VALUE CARD WITH HIDDEN PIN AND COLLECTS AMOUNT BY CASH, CHECK OR OTHER KNOWN MEANS
910
SELLING REPRESENTATIVE NOTES THE REFERENCE NUMBER OF THE CARD GIVEN TO THE CUSTOMER
920
SELLING REPRESENTATIVE AND THE CUSTOMER AGREE ON ALLOWABLE PRIVILEGES, AND THE SELLING REPRESENTATIVE COLLECTS ANY APPLICABLE ADDITIONAL FEES FOR ANY PREVILEGES
930
SELLING REPRESENTATIVE ACCESSES THE MLM DATABASE SYSTEM THROUGH TELEPHONE OR INTERNET AND REGISTERS THE CUSTOMER BY ENTERING THE REFERENCE NUMBER AND OTHER RELEVANT INFORMATION
940
THE MLM SYSTEM DATABASE CREATES A NEW RECORD FOR THE CUSTOMER BY OBTAINING THE CUSTOMER'S PIN FROM CUSTOMER PIN MAPPING TABLE
950
MLM SYSTEM DATABASE SENDS A REGISTRATION CONFIRMATION MESSAGE TO THE SELLING REPRESENTATIVE
960
THE SELLING REPRESENTATIVE INFORMS THE CUSTOMER ABOUT SUCCESSFUL REGISTRATION
970
THE CUSTOMER ACCESSES HIS STORED VALUE ACCOUNT IN THE MLM SYSTEM BY USING THE PIN TO BUY PRODUCTS AND SERVICES
980
END
985

FIG. 9

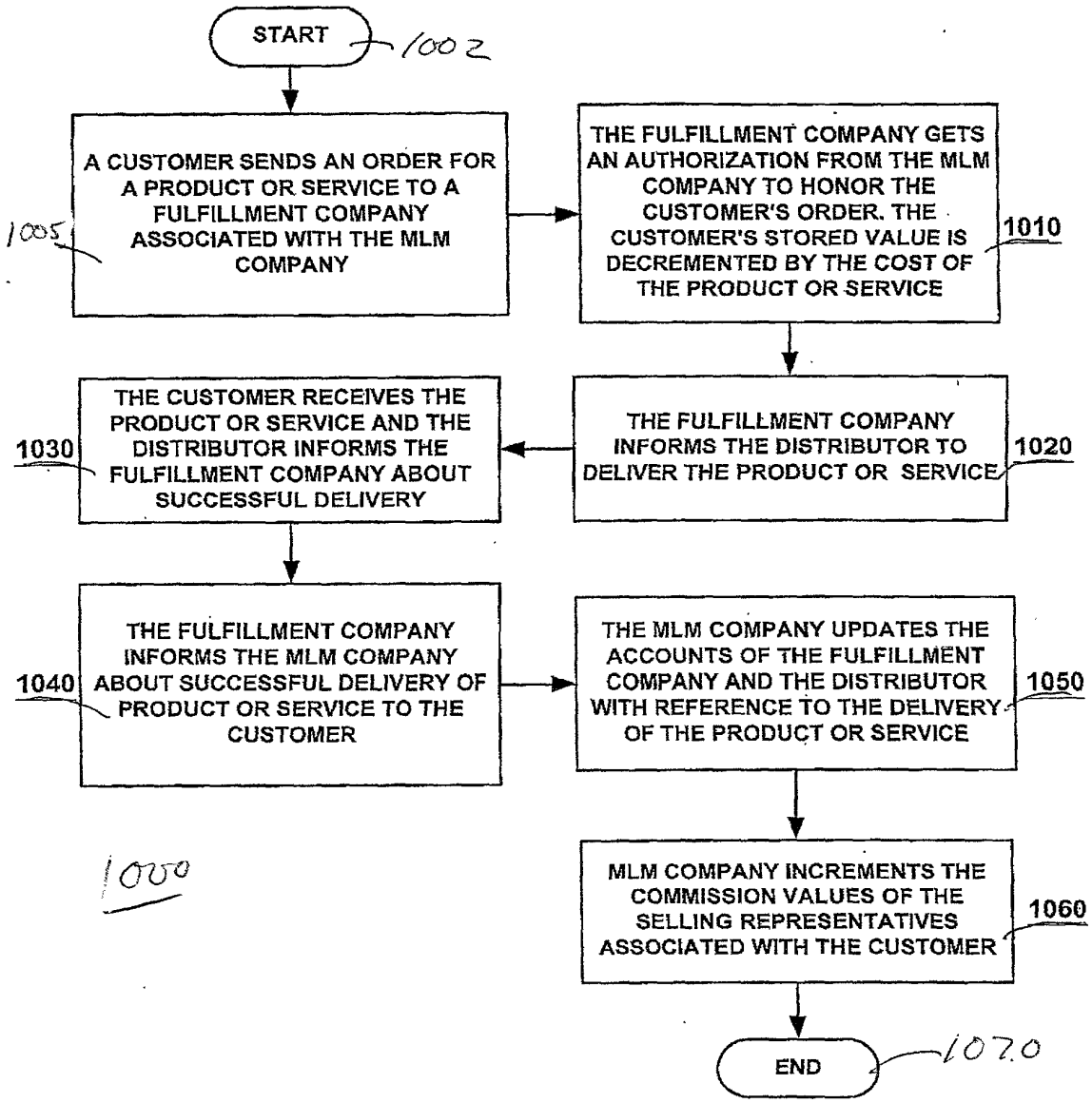

START
1002
A CUSTOMER SENDS AN ORDER FOR A PRODUCT OR SERVICE TO A FULFILLMENT COMPANY ASSOCIATED WITH THE MLM COMPANY
1005
THE FULFILLMENT COMPANY GETS AN AUTHORIZATION FROM THE MLM COMPANY TO HONOR THE CUSTOMER'S ORDER. THE CUSTOMER'S STORED VALUE IS DECREMENTED BY THE COST OF THE PRODUCT OR SERVICE
1010
THE FULFILLMENT COMPANY INFORMS THE DISTRIBUTOR TO DELIVER THE PRODUCT OR SERVICE
1020
THE CUSTOMER RECEIVES THE PRODUCT OR SERVICE AND THE DISTRIBUTOR INFORMS THE FULFILLMENT COMPANY ABOUT SUCCESSFUL DELIVERY
1030
THE FULFILLMENT COMPANY INFORMS THE MLM COMPANY ABOUT SUCCESSFUL DELIVERY OF PRODUCT OR SERVICE TO THE CUSTOMER
1040
THE MLM COMPANY UPDATES THE ACCOUNTS OF THE FULFILLMENT COMPANY AND THE DISTRIBUTOR WITH REFERENCE TO THE DELIVERY OF THE PRODUCT OR SERVICE
1050
MLM COMPANY INCREMENTS THE COMMISSION VALUES OF THE SELLING REPRESENTATIVES ASSOCIATED WITH THE CUSTOMER
1060
END
1070
1000

FIG. 10